

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20040240116".did.	US-PGPUB; USPAT	OR	OFF	2010/03/13 14:58
S3	522	watko.xa,xp.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:57
S4	103896	leaf adj spring	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:57
S5	22	S3 and S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:57
S6	1268869	pivot\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:58
S7	157	S3 and S6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:58
S8	25333	knife adj edge	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:58
S9	1	S3 and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 18:58
S10	0	("7095593").URPN.	USPAT	OR	OFF	2009/09/14 19:03
S11	5	("20020101796"   "20030072108"   "20040184193"   "5936803"   "6304420"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 19:03

S12	96	(360/254.8).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S13	70	(360/255).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S14	77	(360/244).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S15	127	(360/240).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S16	84	(360/254.7).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S17	13	(360/254.9).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:57
S18	16	(360/255.7).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:58
S19	59	(360/256).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:58
S20	210	(360/244.2).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:58
S21	148	(360/244.9).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:58

S22	814	S12 S13 S14 S15 S16 S17 S18 S19 S20 S21	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 23:58
S23	1216220	ramp lamp unload\$5 lifter parking	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S24	140098	overhang undercut	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S25	14218	S23 and S24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S26	2398	S23 same S24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S27	1131	S23 with S24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S28	2033414	plane	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S29	2761629	angle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:23
S30	299342	S28 with S29	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:24
S31	426618	S28 same S29	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:24

S32	319	S26 and S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:24
S33	100495	(well wall ) with S23	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:58
S34	179143	(well wall ) same S23	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:58
S35	5090	S30 and S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:58
S36	234	S30 with S33	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:59
S37	1277	S35 and (actuator suspension HGA (support adj arm))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 14:59
S38	717	S37 and (disc disk recording medium)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 15:00
S39	0	("2008/0007874").URPN.	USPAT	OR	OFF	2009/09/15 16:16
S40	10	("5585980" "5864448" "5973887" "6181528" "6201666" "6414821" "6594219" "6611402" "6721134" "6864448").pn.	USPAT	OR	OFF	2009/09/15 16:18
S41	0	("2007/0091507").URPN.	USPAT	OR	OFF	2009/09/15 16:23
S42	11	("5572387" "5623758" "5875072" "6134076" "6226155" "6445541" "6535355").pn. ("20010043441" "20010033460" "20020027736" "20020003683").did.	US-PGPUB; USPAT	OR	ON	2009/09/15 16:26
S43	0	(10-302418).did.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/15 16:56

S44	30	(\$5"302418").did.	US-PGPUB; USPAT; JPO	OR	ON	2009/09/15 16:56
S45	0	("6693773").URPN.	USPAT	OR	OFF	2009/09/15 17:29
S46	4	("5148339"   "5973886"   "6057988"   "6181528"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 17:29
S47	12	("6091576").URPN.	USPAT	OR	OFF	2009/09/15 17:36
S48	12	("5204793"   "5408375"   "5422770"   "5526206"   "5625514"   "5692289"   "5701219"   "5825576"   "5864448"   "5870259"   "5875074"   "5898545"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 17:36
S49	74	(US-20080247090-\$ or US- 20080094757-\$ or US- 20080074796-\$ or US- 20080024927-\$ or US- 20080013216-\$ or US- 20080007874-\$ or US- 20070206330-\$ or US- 20070091507-\$ or US- 20070076323-\$ or US- 20070047146-\$ or US- 20060268462-\$ or US- 20060132980-\$ or US- 20060056111-\$ or US- 20050141139-\$ or US- 20050018354-\$ or US- 20040240116-\$ or US- 20040184193-\$ or US- 20040047077-\$ or US- 20040001286-\$ or US- 20030184913-\$ or US- 20030169536-\$ or US- 20030081353-\$ or US- 20030043510-\$ or US- 20030011937-\$ or US- 20030002221-\$ or US- 20020186510-\$).did. or (US-20020131212-\$ or US- 20020093768-\$ or US- 20020044386-\$ or US- 20010043441-\$ or US- 20010033460-\$ or US- 20010015875-\$ or US- 20020003683-\$).did. or (US-7095593-\$ or US- 7337452-\$ or US-7576945- \$ or US-7570459-\$ or US- 7564653-\$ or US-7508633- \$ or US-7474509-\$ or US- 7236331-\$ or US-7133260- \$ or US-7110221-\$ or US-	US-PGPUB; USPAT; JPO	OR	OFF	2009/09/15 20:01

		7016150-\$ or US-6956723-\$ or US-6778360-\$ or US-6765762-\$ or US-6693773-\$ or US-6690548-\$ or US-6674613-\$ or US-6639758-\$ or US-6580585-\$ or US-6487052-\$ or US-6487051-\$ or US-6449128-\$ or US-6292333-\$ or US-6275356-\$ or US-6246534-\$ or US-6226155-\$).did. or (US-6134077-\$ or US-6091576-\$ or US-6078474-\$ or US-6055134-\$ or US-5973887-\$ or US-5585980-\$ or US-5526206-\$ or US-5231549-\$ or US-6643879-\$ or US-6036189-\$ or US-6181528-\$ or US-6134076-\$ or US-6057988-\$ or US-5692289-\$).did. or (JP-10302418-\$).did.				
S50	22	(US-20080094757-\$ or US-20080007874-\$ or US-20070076323-\$ or US-20060056111-\$ or US-20040240116-\$ or US-20030184913-\$ or US-20020093768-\$ or US-20010033460-\$).did. or (US-7337452-\$ or US-7016150-\$ or US-6693773-\$ or US-6487052-\$ or US-6292333-\$ or US-6275356-\$ or US-6246534-\$ or US-6091576-\$ or US-6078474-\$ or US-6055134-\$ or US-5973887-\$ or US-5231549-\$ or US-6134076-\$ or US-6057988-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/15 20:01
S51	487	secondary with ((VCM) (voice adj coil))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 01:50
S52	8	(US-20040240116-\$ or US-20010033460-\$).did. or (US-7337452-\$ or US-6487052-\$ or US-6292333-\$ or US-5973887-\$ or US-5231549-\$ or US-6134076-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/16 02:28
S53	144838	overhang undercut	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:45

S54	3513793	load\$6 unparking unparked	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:46
S55	14777291	side end edge limit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:46
S56	4131	S53 same S54 same S55	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:47
S57	939	S53 with S54 with S55	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:47
S58	1467	S53 and S54 and S55	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:47
S59	583	S53 and S54 with S55	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:49
S60	7276974	drive HDD storage VCM (voice adj coil) suspension actuator ((head pickup transducer MR inductive PU) near3 support)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:50
S61	435	S57 and S60	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:51
S62	41	ramp and S61	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:51
S63	5	ramp and S59	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:51
S64	46	S62 S63	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:51

S65	102	(360/254.8).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S66	73	(360/255).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S67	83	(360/244).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S68	134	(360/240).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S69	87	(360/254.7).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S70	15	(360/254.9).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S71	16	(360/255.7).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S72	59	(360/256).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S73	215	(360/244.2).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S74	152	(360/244.9).ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55



S75	846	S65 S66 S67 S68 S69 S70 S71 S72 S73 S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:55
S76	82	S75 and @py>="2009"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 10:56
S77	3	("2004/0240116").URPN.	USPAT	OR	OFF	2010/03/13 11:09
S78	4010	ramp near3 (load loading park parking)	USPAT	OR	OFF	2010/03/13 11:12
S79	299927	lift lifted	USPAT	OR	OFF	2010/03/13 11:12
S80	3833021	over above	USPAT	OR	OFF	2010/03/13 11:12
S81	1539	S78 and S79	USPAT	OR	OFF	2010/03/13 11:12
S82	1509	S78 and S79 and S80	USPAT	OR	OFF	2010/03/13 11:12
S83	8625	ramp near3 (load loading park parking)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 11:12
S84	95702	(lift lifted) with (over above)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/13 11:13
S85	75832	hop hopping hopped	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:13
S86	10142	ramp near3 (load loading park parking)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:13
S87	102511	(lift lifted) with (over above)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:13
S88	89	S86 with (S85 S87)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:14

S89	164	S86 same (S85 S87)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:14
S90	25	S86 and (S85 S87)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/13 11:14

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	33543	(ramp).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:30
L3	321163	(load loading park parking parked).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:30
L4	5158	2 and 3	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:30
L5	339253	overhang undercut ceiling (upper near3 wall)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:30
L6	127323	(overhang undercut ceiling (upper near3 wall) underside).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:31
L7	293	4 and 6	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/13 15:31

**3/ 13/ 2010 3:36:36 PM****C:\ Documents and Settings\ JWatko\ My Documents\ jawdocs\ EAST reference notes\ 10575456.wsp**